



## Reclamation Research Unit

Department of Land Resources and Environmental Sciences

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Date: April 19, 2005

To: Sue Sillick

From: Stuart Jennings

Re: Progress Report 7. *Evaluation of Organic Matter Addition and Incorporation on Steep Cut slopes, Phase II: Test Plot Construction and Performance Monitoring*

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The seventh progress report of Phase II of the above referenced project is attached. The attached narrative describes work occurring between January 1, 2005 and March 31, 2005. Very limited work occurred during the current quarter since project work tasks principally occur during the summer months at this time.

***Quarterly Progress Report #7***  
**For the period January 1, 2005 – March 31, 2005**

**EVALUATION OF ORGANIC MATTER ADDITION  
AND INCORPORATION ON STEEP CUT SLOPES**

***Phase II: Test Plot Construction and  
Performance Monitoring***

***Prepared For:***

Montana Department of Transportation  
P.O. Box 201001  
Helena, MT 59620-1001

***Prepared By:***

Reclamation Research Unit  
Department of Land Resources and Environmental Sciences  
Montana State University  
Bozeman, MT 59717-2910



April 2005

### **Task Analysis and Discussion**

Limited activity occurred during the current quarter. Expenditures incurred are attributable to progress report writing, communications, review of relevant periodicals and planning for summer fieldwork.

### **Task J - Year 1 Monitoring**

This task has been completed.

### **Task K - Year 2 Monitoring**

This task has not been initiated.

### **Task L - Year 3 Monitoring**

This task has not been initiated.

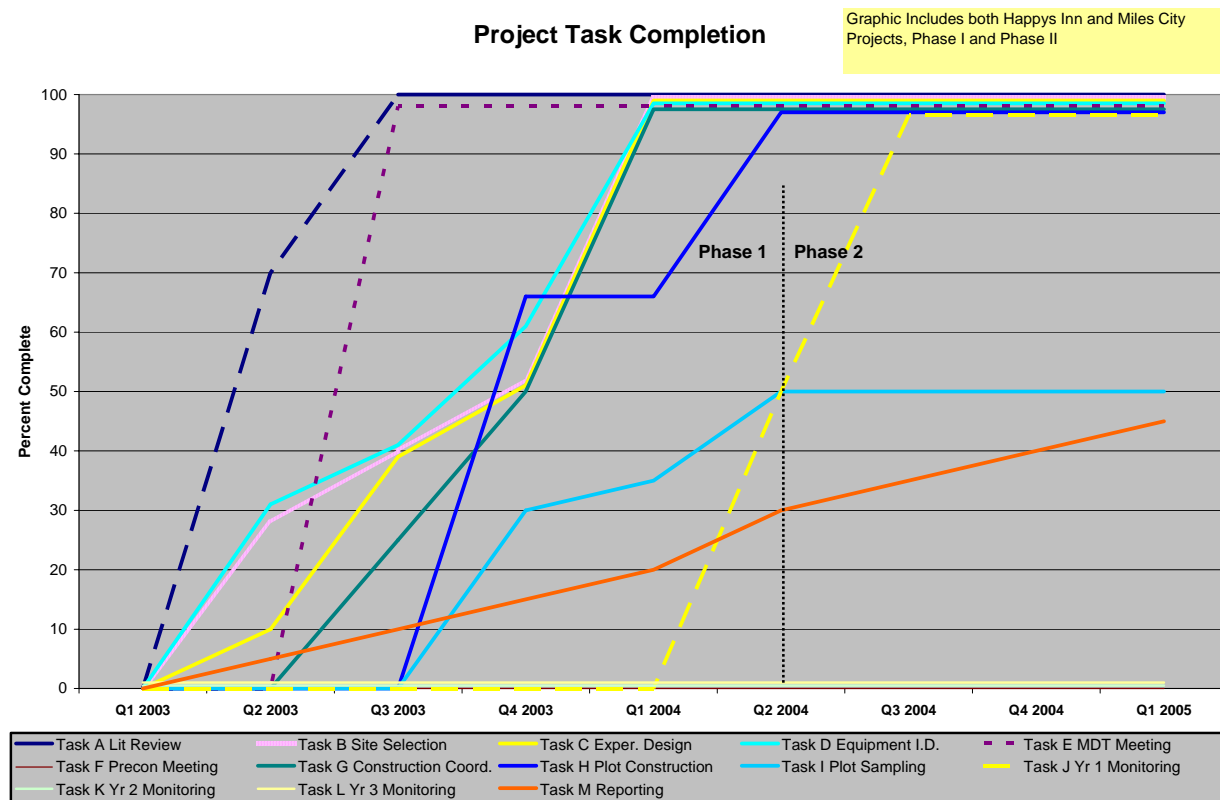
### **Task M - Reporting**

This seventh quarterly report satisfies the periodic reporting requirement of the contract. A Final Report will also be completed in 2006 summarizing the research findings.

### **Schedule and Degree of Completion—all research sites**

<i><b>Task Description</b></i>	<i><b>Budgeted Total Phase II</b></i>	<i><b>Proposed Schedule</b></i>	<i><b>Actual Schedule</b></i>	<i><b>Degree of Completion</b></i>	<i><b>Estimated Expenditure during current quarter</b></i>
Task B Site Reconnaissance	\$678	Q3, 2003	Q3 2003, and Q1 2004	100%	0
Task C Experimental Design	\$407	Q4, 2003	Q4 2003, and Q1 2004	100%	0
Task G Construction Schedule Coordination	\$377	Q3, 2003	Q1, 2004	100%	0
Task H Plot Construction	\$36,087	Q4, 2003	Q4, 2003	100%	0

Task I Site Sampling	\$8761	Q4, 2003 and Q3 2005	Q4, 2003; Analytical results Q1, Q2 2004	50%	0
Task J Year 1 Monitoring	\$13,083	Spring and Fall, 2004	NA	100%	0
Task K Year 2 Monitoring	\$15,912	Spring and Fall, 2005	NA	2%	\$400
Task L Year 3 Monitoring	\$16,065	Spring and Fall, 2006	NA	0%	0
Task M Reporting	\$16,380	Quarterly and Final Report, Fall 2006	ongoing	45%	\$1234



## Problems and Resolution

No problems were encountered during the current quarter.

## Accomplishments

No project accomplishments were noted during the current quarter.

## Fiscal Expenditure

Amount Spent by budget category:

<i>Cost Category</i>	<i>Spent prior to current quarter (\$)</i>	<i>Spent during the current quarter (\$)</i>	<i>Total spent to date (\$)</i>
Labor and Benefits	\$34,792	\$1211	\$36,003
Operational Expenses	\$5631	\$5	\$5636
Subcontracted Services	\$16,764	0	\$16,764
Indirect Charges	\$10,842	\$418	\$11,260
<b><i>Total Spent</i></b>	<b><i>\$68,029</i></b>	<b><i>\$1634</i></b>	<b><i>\$69,663</i></b>

Total Project Award            \$108,975

Amount Remaining                \$39,312